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September 7, 2000

VIA FEDERAL EXPRESS

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**Attention: Mrs. Tina Plunkett, Docket Specialist
Room 7D-10**

Re: U.S. Patent Application Serial No. 08/486,069 (Filed 6/7/95)
Inventors: Dean L. Englehardt et al.
For: NUCLEIC ACID SEQUENCING PROCESSES USING MODIFIED NUCLEOTIDES OR
NUCLEOTIDE ANALOGS, AND OTHER PROCESSES FOR NUCLEIC ACID DETECTION
AND CHROMOSOMAL CHARACTERIZATION USING SUCH MODIFIED NUCLEOTIDES OR
NUCLEOTIDE ANALOGS
Our Reference: Enz-5(D8)(C2)

Dear Mrs. Plunkett:

Thank you for yesterday's telephone call regarding the above-identified application.

As requested, we are enclosing a copy of each of the following papers that were filed this year:

1. May 23, 2000 Information Disclosure Statement Under 37 C.F.R. §§1.56 & 1.97-1.98 [including Exhibits 1-69];
2. May 23, 2000 Amendment Under 37 C.F.R. §1.115 (In Response To The November 23, 1999 Office Action) [including Exhibits 1-11];
3. August 30, 2000 Communication For Transmitting Claim Support Table (Following Applicants' June 19, 2000 Supplemental Amendment To Their May 23, 2000 Amendment Under 37 C.F.R. §1.115 [including Exhibit A];

Tina Plunkett, Docket Specialist

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Page 2 [U.S. Patent Appl. Ser. No. 08/486,069; Enzo Ref.: Enz-5(D8)(C2)]

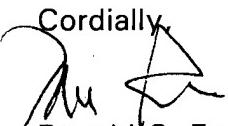
4. August 31, 2000 Second Supplemental Amendment (Following Applicants' August 30, 2000 Communication For Transmitting Claim Support Table); and
5. August 31, 2000 Communication For Transmitting Composite Claim Set (Following Applicants' August 31, 2000 Second Supplemental Amendment) [including Exhibit A].

Because of the rather large volume of paper, we have taken the liberty of binding these documents separately and including new exhibit tabs as the original documents were filed with exhibit tabs (and our file copies contained only photocopies of the tabs and not the tabs themselves). Apart from the added exhibit tabs, the enclosed five documents represent exact copies of the documents as maintained in our files. Thus, you will note that copies of the Express Mail envelopes and receipts, green return postcards and the white postcards have all been included to the extent that these have been received by us.

Please do not hesitate to contact us if you have any questions or if further information is required.

We appreciate your help in processing this application and the papers filed earlier this year.

Cordially,



Ronald C. Fedus

Corporation and Patent Counsel

Enclosures